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LIST OF ACRONYMS

$\mu\text{g/g}$ U	micrograms per gram of total uranium
AEC	Atomic Energy Commission
Al	aluminum
Al(NO ₃) ₃	aluminum nitrate
ALARA	as low as reasonably achievable
CAI	cinnamylideneindene
BCBG	Bear Creek Burial Grounds
CEUSP	Consolidated Edison Uranium Solidification Program
cfm	cubic feet per minute
DAC	derived air concentrations
DOE	U.S. Department of Energy
DOE-ORO	DOE Oak Ridge Operations
dpm	disintegrations per minute
DU	depleted uranium
EP	exposure potential
EPA	Environmental Protection Agency
ERDA	Energy Research and Development Administration
EU	enriched uranium
HEU	highly enriched uranium
HNO ₃	nitric acid
IAEA	International Atomic Energy Agency
ICPP	Idaho Chemical Processing Plant
IDMS	Isotope Dilution Mass Spectrometry
ITX	isotuxene
LEU	low-enriched uranium
LIMS	Laboratory Information Management System
LLW	low-level waste
LMES	Lockheed Martin Energy Systems
MBR	Material Balance Reports
MPC	Maximum Permissible Concentration
MPL	Maximum Permissible Level
MT	metric tons
MTU	metric tons of uranium
MUF	material unaccounted for
NaOH	sodium hydroxide
NASA	National Aeronautics and Space Administration
NBS	National Bureau of Standards
NCRP	National Committee on Radiation Protection
NFS	Nuclear Fuel Services
NMC&A	Nuclear Materials Control and Accountability
Np	neptunium
NPDES	National Pollutant Discharge Elimination System

NU	Natural Uranium
OEP	Occupational Exposure Potential
ORGDP	Oak Ridge Gaseous Diffusion Plant
ORHASP	Oak Ridge Health Agreement Steering Panel
ORIGEN	Oak Ridge Isotope Generation
ORNL	Oak Ridge National Laboratory
ORR	Oak Ridge Reservation
PAL	Plant Action Level
PGDP	Paducah Gaseous Diffusion Plant
ppb	parts per billion
ppm	parts per million
Pu	plutonium
RADCON	Radiological Control Organization
RCG	Radiation Concentration Guides
RCRA	Resource Conservation Recovery Act
RF	Rocky Flats
RPG	Radiation Protection Guides
RSD	Radiation Safety Department
RU	recycled uranium
SA	specific activity
SNM	special nuclear material
SRO	Savannah River Operations
SRP	Savannah River Plant
SRS	Savannah River Site
TBP	tributyl phosphate
Tc	technetium-99
TIMS	Thermal Ionization Mass Spectrometry
TRU	transuranic (transuramics)
TTA	thenoyltrifluoroacetone
UF ₄	uranium tetrafluoride
UF ₆	uranium hexafluoride
UN	uranyl nitrate [UO ₂ (NO ₃) ₂]
UNH	uranyl nitrate hexahydrate [UO ₂ (NO ₃) ₂ • 6H ₂ O]
UO ₂	uranium dioxide
UO ₃	uranium trioxide
VOC	volatile organic compounds
wt %	weight percent
WACI	weekly air concentration indices
WETF	West End Treatment Facility
Y-12 Complex	Y-12 National Security Complex